

Amendments to the Specification

Please amend the paragraph at page 4, line 18 in the following manner:

The reason is that a resistance of the stator coil increases to reduce a current. If the X-ray radiation waiting time until the anode reaches the predetermined rotation number is set assuming a condition that the stator coil is warm (e.g., six seconds in the state where the stator coil is warm), a wasted time (e.g., one second) to X-ray radiation appears in the state where the stator coil is cold. When an object is observed and an imaging position is determined with X-ray fluoroscopy as in, for example, gastric contrast examination using barium, the wasted time becomes a factor of losing scanning timing by just one second or disturbing improvement of throughput of the X-ray image diagnostic apparatus. Accordingly, it is preferable to reduce the wasted time ~~[[is]]~~ to be as small as possible. Further, in a fluid volume inspection apparatus using an X-ray tube device, because a passing speed can be improved by shortening the X-ray radiation waiting time, inspection time can be shortened.

Please amend the paragraph at page 6, line 26 in the following manner:

Further, according to the conventional technique, it is necessary to determine a power consumption preset value in accordance with individual difference, aging, and types of X-ray tube. It is necessary to determine the power consumption preset value by practically driving and measuring X-ray tubes one by one, which requires so much energy ~~is required~~.